

Work Order ID 80270

February-16-12 7:48:52 AM

80270

Page 1

Item ID: D412-630-032

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 16/02/2012 Start Qty: 2.00

2

Cust Item ID:

Required Date: 01/03/2012 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12/02/16 Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

IIN D412-630

Rev M

100

100

DC

Document Control

DOCUMENT CONTROL

Memo

Photocopy D412-630 bluefile & type labels per PPP412-630-032 CHG003

0.00

0.00

110

110

Small Fab

Small Fab

Small Fab

Memo

Assemble as per IIN D412-630

0.00

0.00

****ensure tension to retract step is 11 to 18 lbs before installing lockwire.****

A/R MS20995C41 batch: 1114830

120

120

QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

****ensure tension to retract step is 11 to 18 lbs ****

Test fit on aircraft in Eng. lab.

0.00

MLJ 12-5-4
(2)

2x Ø EP 12/04/27

(+2) Ø
RM

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 80270

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Page 2

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N900040100

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Revision ID:

Stop *NS2*

Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 16/02/2012 Start Qty: 2.00

2

Cust Item ID:

Required Date: 01/03/2012 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Pick Kit	0.00							
130									
Packaging	Memo	0.00							
Packaging									
140	QC4- 100% Inspect kits for completeness	0.00							
140									
QC	Memo	0.00							
Quality Control									
150		0.00							
150	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-630-032								
	Location: <u>30</u>								
	PPP Rev: <u>3</u>								

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID 80270

80270

Page 3

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Item ID: D412-630-032

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N900040100

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Stop *NS2*

Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 16/02/2012 Start Qty: 2.00

2

Cust Item ID:

Required Date: 01/03/2012 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.00

Quality Control

12/5/89

MUF
12-05-08

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

February-16-12 7:48:56 AM

Page 1

Work Order ID: 80270

80270

Parent Item: D412-630-032

D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 16/02/2012

Required Date: 01/03/2012

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
 IPP REV. B 05.12.19 updated pick list EC
 IPP REV. C 07.11.12 ecn 1019, nochg EC verified by: DD IPP Rev: D
 10.05.28 added route seq DD verf: EC IPP Rev: E 11.06.01
 removed qty 1 an310-4 EC verified by: DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN310-4
 AN310-4
 NUT

Purchased

No

110

Each

56.0000

1

2

**

Location

Loc Qty

Loc Code

ST344

56

120124

31

120518

25

MS24665-302

Purchased

No

110

Each

245.0000

1

2

**

MS24665-302

Cotter Pin

Location

Loc Qty

Loc Code

ST309

245

117460

45

120521

200

AN310-5

Purchased

No

110

Each

46.0000

1

4

**

AN310-5

NUT

Location

Loc Qty

Loc Code

ST344

46

120124

46

SP12/04/27
 M12/16/20
 SP12/04/27
 12/17/12
 Y

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

February-16-12 7:48:56 AM

Page 2

Work Order ID: 80270

80270

Parent Item: D412-630-032

D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 16/02/2012

Required Date: 01/03/2012

Start Qty: 2.00

Required Qty: 2.00

AN3C5A

Purchased

No

130

Each

1,042.000

3

6

**

M121444

AN3C5A

Bolt

Location

Loc Qty

Loc Code

FP001

7

115835

7

ST350

1035

116419

28

117343

13

117764

7

117872

2

119127

28

119749

27

120423

930

130

Each

26.0000

**

AN44-C12

Purchased

No

AN44-C12

eyebolt

Location

Loc Qty

Loc Code

ST362

26

120139

26

130

Each

38.0000

**

121517

AN4C15

Purchased

No

AN4C15

BOLT

Location

Loc Qty

Loc Code

ST358

38

120124

38

2

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Picklist Print

February-16-12 7:48:56 AM

Page 3

Work Order ID: 80270

80270

Parent Item: D412-630-032

D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 16/02/2012

Required Date: 01/03/2012

Start Qty: 2.00

Required Qty: 2.00

AN5C11 Purchased No

130

Each

42.0000

1

2

**

AN5C11

BOLT

Location

Loc Qty

Loc Code

ST337

42

114801

2

120139

40

AN5C15 Purchased No

130

Each

36.0000

1

2

**

AN5C15

BOLT

Location

Loc Qty

Loc Code

ST338

36

120139

36

AN960C516 Purchased No

130

Each

0.0000

1

2

**

AN960C516

WASHER

D3454-1 Manufactured No

130

Each

9.0000

1

2

**

D3454-1

Bushing

Location

Loc Qty

Loc Code

ST044

9

74730

9

D3454-3 Manufactured No

130

Each

24.0000

2

4

**

D3454-3

Bushing

Location

Loc Qty

Loc Code

ST044

24

78193

24

February-16-12 7:48:56 AM

Shop Packet Print

Page 3

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

February-16-12 7:48:56 AM

Page 4

Work Order ID: 80270

80270

Parent Item: D412-630-032

D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 16/02/2012

Required Date: 01/03/2012

Start Qty: 2.00

Required Qty: 2.00

S₂ D3454-5
D3454-5
Bushing

Manufactured No

130

Each

14.0000

**

Location

Loc Qty

Loc Code

ST044

14

78190

14

130

Each

49.0000

**

S₂ D3455-1
D3455-1
Spacer

Manufactured No

Location

Loc Qty

Loc Code

ST044

49

77568

1

78789

48

130

Each

26.0000

**

S₂ D3455-3
D3455-3
Spacer

Manufactured No

Location

Loc Qty

Loc Code

ST044

26

76958

14

78844

12

130

Each

3.0000

**

S₂ D3462-042
D3462-042
Bracket Assembly

Manufactured No

Location

Loc Qty

Loc Code

ST198A

2

78915

2

ST199

1

78196

1

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ **PAR #:** _____ **Fault Category:** _____ **NCR:** Yes No **DQA:** _____ **Date:** _____
Resolution: _____ **Disposition:** _____ **QA: N/C Closed:** _____ **Date:** _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 6

Work Order ID: 80270

80270

Parent Item: D412-630-032

D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 16/02/2012

Required Date: 01/03/2012

Start Qty: 2.00

Required Qty: 2.00

NAS1515H5

Purchased

No

130

Each

298.0000

1
**

2

NAS1515H5

Washer

Location

Loc Qty

Loc Code

FG

25

103286

5

103691

20

GA

100

120449

100

2

ST277

173

120299

73

120304

100

D3455-1*

Manufactured

No

110

Each

49.0000

2

4

D3455-1

Spacer

**

Location

Loc Qty

Loc Code

ST044

49

77568

1

78789

48

4

D3443-041

Manufactured

No

110

Each

3.0000

1

2

D3443-041

Strut Weldment Assembly

**

Location

Loc Qty

Loc Code

ST199

3

78188

3

2

D3463-042

Manufactured

No

110

Each

0.0000

1

2

D3463-042

Step Weldment Assembly

**

B80249

2x

February-16-12 7:48:57 AM

Shop Packet Print

Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 7

Work Order ID: 80270

80270

Parent Item: D412-630-032

D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 16/02/2012

Required Date: 01/03/2012

Start Qty: 2.00

Required Qty: 2.00

D3443-9

Manufactured No

110 Each

20.0000 2 4

D3443-9

Pin

**

Handwritten signature and date 12/04/27

Location

Loc Qty

Loc Code

ST044

20

78189

20

Handwritten 4

AN4C14

Purchased No

110 Each

48.0000 1 2

AN4C14

BOLT

**

Handwritten signature and date 12/04/27

Location

Loc Qty

Loc Code

ST357

48

117688

8

120141

40

Handwritten 2

MS24665-229

Purchased No

110 Each

261.0000 2 4

MS24665-229

COTTER PIN

**

Handwritten signature and date 12/05/17

Location

Loc Qty

Loc Code

ST309

261

111041

98

118234

163

Handwritten 4

MS24665-227

Purchased No

110 Each

130.0000 1 2

MS24665-227

COTTER PIN

**

Handwritten signature and date 12/04/27

Location

Loc Qty

Loc Code

ST309

130

111041

41

120124

89

Handwritten 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

February-16-12 7:48:57 AM

Page 8

Work Order ID: 80270

80270

Parent Item: D412-630-032

D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 16/02/2012

Required Date: 01/03/2012

Start Qty: 2.00

Required Qty: 2.00

AN4CH3

Purchased No

110 Each

40.0000

2 4

AN4CH3

SS Bolt

**

SP 12/04/27

Location

Loc Qty

Loc Code

ST357

40

117616

1

120139

39

4

D3465-1

Manufactured No

110 Each

25.0000

1 2

D3465-1

Washer

**

SP 12/04/27

Location

Loc Qty

Loc Code

ST045

25

73449

5

78197

20

2

AN310-4

Purchased No

130 Each

56.0000

1 2

AN310-4

NUT

**

121444 SP

Location

Loc Qty

Loc Code

ST344

56

120124

31

120518

25

D3443-043

Manufactured No

110 Each

2.0000

1 2

D3443-043

Strut Weldment Assembly

**

SP 12/04/27

Location

Loc Qty

Loc Code

ST198A

-8

ST199

10

78187

2

377692

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

February-16-12 7:48:57 AM

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Work Order ID: 80270

80270

Parent Item: D412-630-032

D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 16/02/2012

Required Date: 01/03/2012

Start Qty: 2.00

Required Qty: 2.00

D3454-7

Manufactured No

110 Each

14.0000 2 4

D3454-7

Bushing

**

GP 12/04/27

Location

Loc Qty

Loc Code

ST044

14

78194

14

110 Each

60.0000 1 2

AN310-7

Purchased No

AN310-7

NUT

**

GP 12/04/27

Location

Loc Qty

Loc Code

ST344

60

114784

10

119749

10

120124

40

2

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

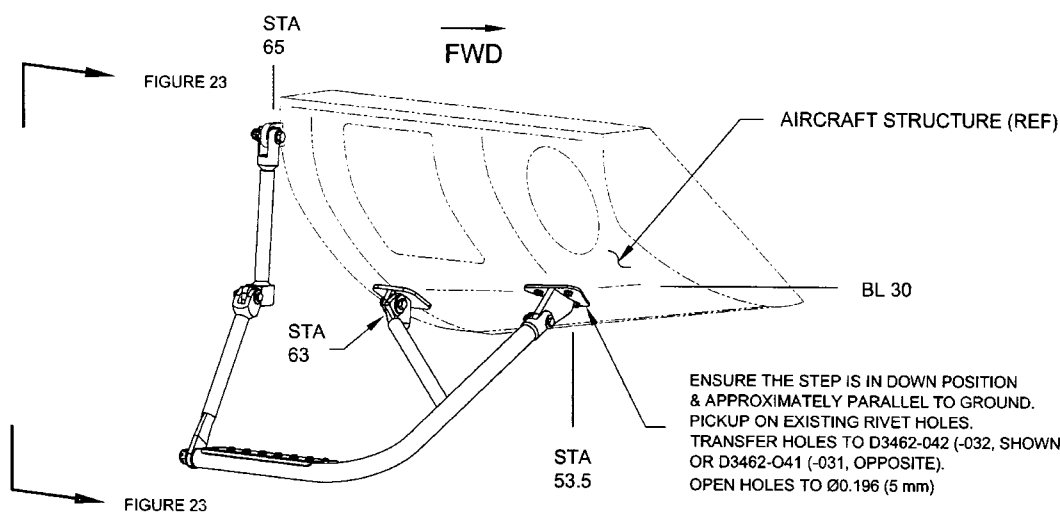
D412-630-031/-032 Pilot/Co-Pilot Folding-Step Installation

FIGURE 21 – Isometric View D412-630-032 RH, Pilot/Co-Pilot Folding-Step Installation (Shown), D412-630-031 LH (Opposite)

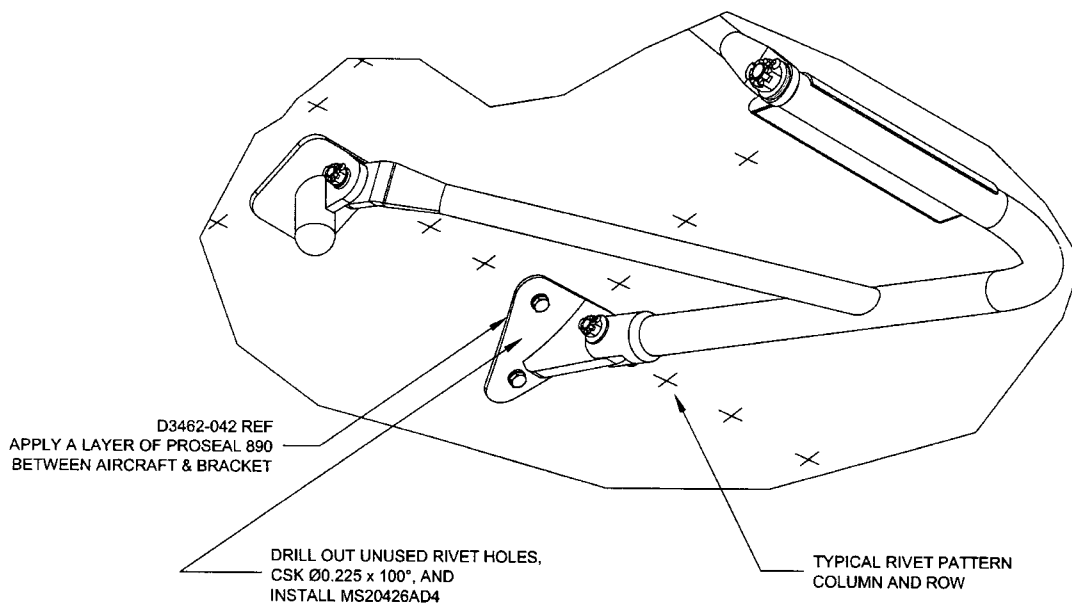


FIGURE 22 – Detail View D3462-042 Bracket Assembly (-032 Installation, Shown) D3462-041, (-031 Installation Opposite)

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Revision: **M**
Date: 08.12.12

SHOWN BY
REF. TO
ENGINEER
UNCONTROLLED
SUBJECT TO APPROVAL
WORK ORDER
NO. 80270
H.C.J.
12/02/16

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

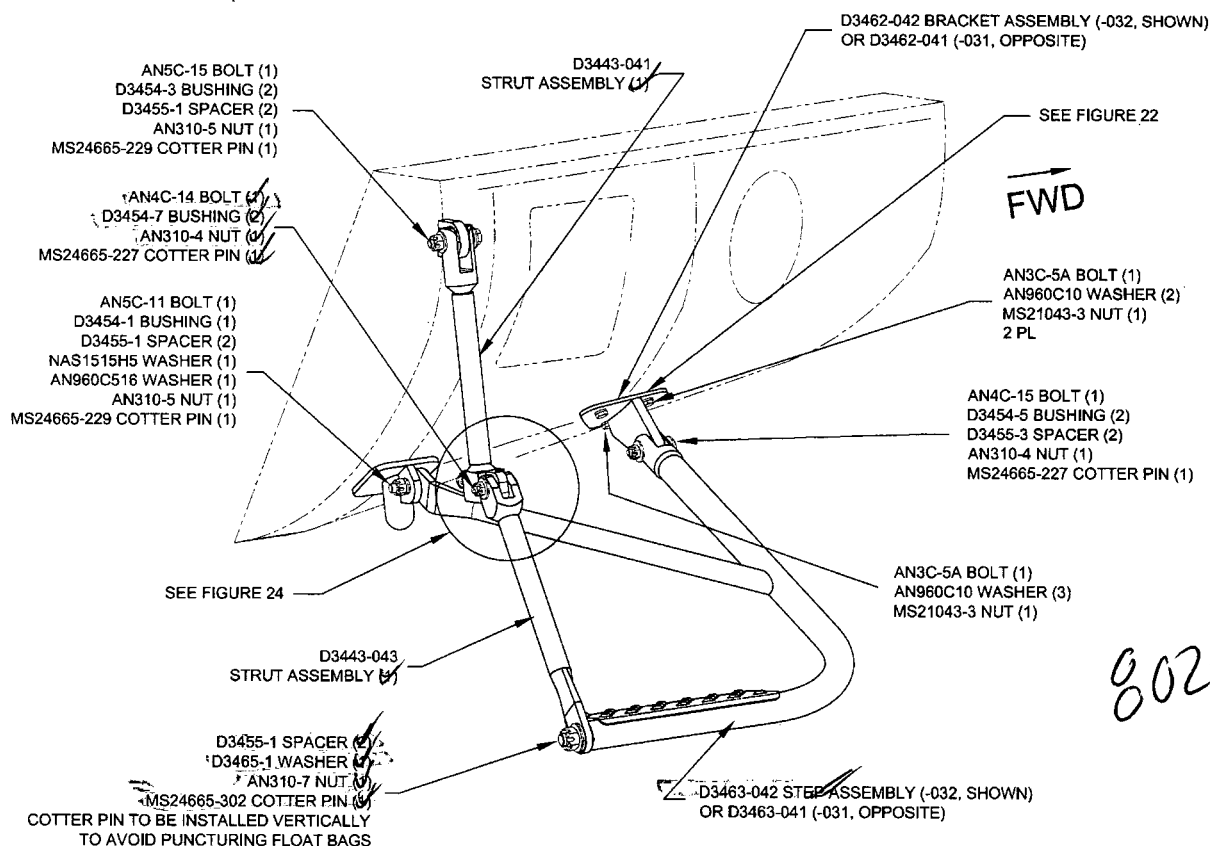


FIGURE 23 – Isometric View D412-630-032 RH, Pilot/Co-Pilot Folding-Step Installation (Shown)
D412-630-031 LH (Opposite)

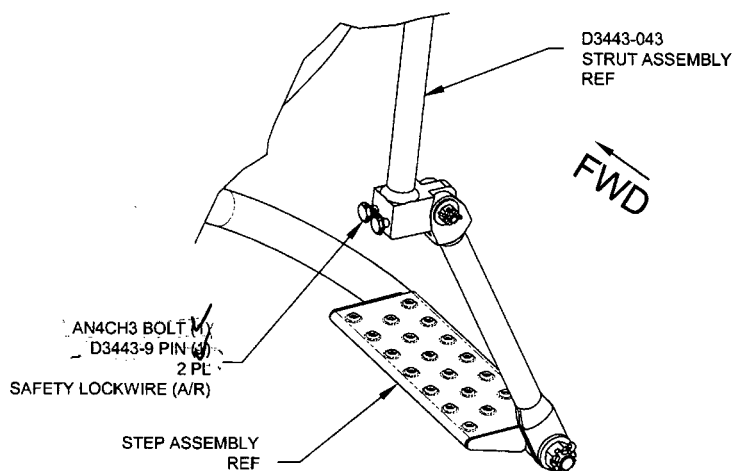


FIGURE 24 – Detail Safety Wiring, D412-630-032 RH, Pilot/Co-Pilot Folding-Step Installation (Shown)
D412-630-031 LH (Opposite)

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Revision: M
Date: 08.12.12

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

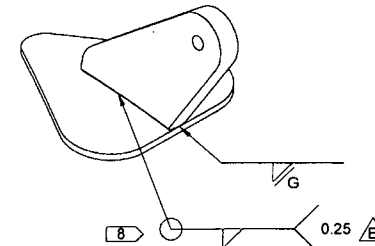
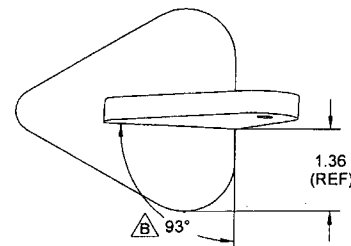
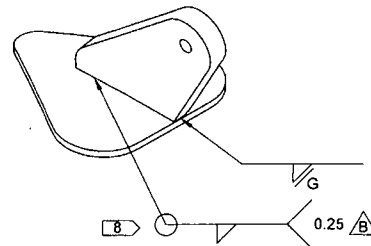
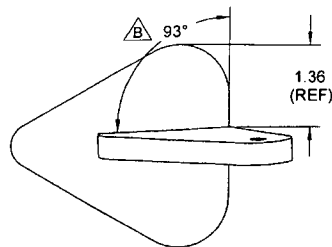
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

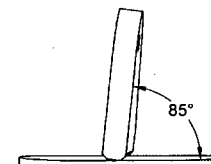
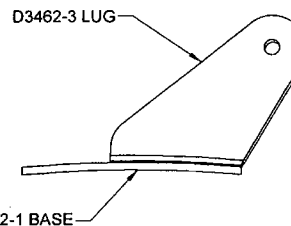
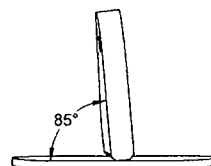
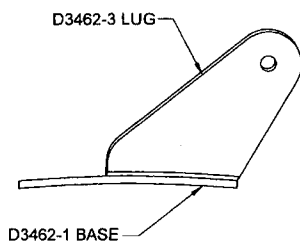
NOTE: Date & initial all entries

Qty -031	Qty -032	Part Number	Description
X		D412-630-031	PILOT/CO-PILOT STEP, LH (FOLDING)
	X	D412-630-032	PILOT/CO-PILOT STEP, RH (FOLDING)
1	1	D3443-041	STRUT ASSEMBLY
1	1	D3443-043	STRUT ASSEMBLY
2	2	D3443-9	PIN
1	1	D3454-1	BUSHING
2	2	D3454-3	BUSHING
2	2	D3454-5	BUSHING
2	2	D3454-7	BUSHING
6	6	D3455-1	SPACER
2	2	D3455-3	SPACER
1	1	D3462-041	BRACKET ASSEMBLY
1	1	D3462-042	BRACKET ASSEMBLY
1	1	D3463-041	STEP ASSEMBLY
1	1	D3463-042	STEP ASSEMBLY
1	1	D3465-1	WASHER
2	2	AN310-4	NUT
2	2	AN310-5	NUT
1	1	AN310-7	NUT
3	3	AN3C-5A	BOLT
1	1	AN44-C12	* EYEBOLT
1	1	AN4G-14	BOLT
1	1	AN4C15	BOLT
2	2	AN4CH3	BOLT
1	1	AN5C-11	BOLT
1	1	AN5C15	BOLT
7	7	AN960C10	WASHER
1	1	AN960C516	WASHER
3	3	MS21043-3	NUT
2	2	MS24665-227	COTTER PIN
2	2	MS24665-229	COTTER PIN
1	1	MS24665-302	COTTER PIN
1	1	NAS1515H5	WASHER

* USE AN44-C12 EYEBOLT WHEN D412-630-031/-032 IS INSTALLED IN CONJUNCTION WITH D412-630-023/-024/-033/-034™ HELI-ACCESS-STEP



REFERENCE ONLY



D3462-041 BRACKET ASSEMBLY

D3462-042 BRACKET ASSEMBLY

QTY -041	QTY -042	P/N	DESCRIPTION
X		D3462-041	BRACKET ASSEMBLY
	X	D3462-042	BRACKET ASSEMBLY
1	1	D3462-1	BASE
1	1	D3462-3	LUG

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3462-041" OR "D3462-042" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.75 lbs (TYP)
- 8) WELDING: PER DART QSI 004

C	SHOW VIEWS OF D3462-041 & D3462-042, UPDATE DWG REASON: PRODUCTION FACILITY	DC	07.10.24
B	REVISE DIMENSIONS	RF	05.12.05
A	NEW ISSUE	RF	05.09.20
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	07.10.24		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D3462	REV. C SHEET 1 OF 2
TITLE BRACKET ASSEMBLY	SCALE 1:2
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